



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**D205-641-011**  
**Job Sheet 195504**



**Part No:** D205-641-011

**Job Qty:** 2 pcs

**Part Name:** Ground Handling Lugs



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 5/24/19

**Job Tracking No:**

**Due Date:** 6/5/19

**Created By:** Marie Lajeunesse

**Type:** Stock *SOLD*

**Description:**

**Note:** DWG REV C IPP Rev:J Removed Manufacturing 05-10-25 JLM IPP K Rev D dwg 09.01.28 EC verified by:DD  
IPP REV:L 10.12.08 PER ECN10-661 DSI9536 REVA DD VERF:EC

**Ship Via:**

### Bill of Materials

### Job Routing

| Op<br>No | Operation              | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off |
|----------|------------------------|-------|------------|-------------|--------------|------------|-----------------------|-----------|----------|
|          |                        |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |          |
| 110      | Packaging 1 - Pick Kit | 2 pcs | 6/5/19     | 0.00        | 0.00         |            | Packaging 1 - 1       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 2       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 3       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 4       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 5       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 6       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 7       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 8       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 9       |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 10      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 11      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 12      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 13      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 14      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 15      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 16      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 17      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 18      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 19      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 20      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 21      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 22      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 23      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 24      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 25      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 26      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 27      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 28      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 29      |           |          |
|          |                        |       |            |             |              |            | Packaging 1 - 30      |           |          |

**DAS**  
**28**  
**9-89**



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**Container No:** S188208



**Part:** D205-641-011

**Job No:** 195504

**Serial No/Batch:** S188208

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:** Various STC's

**Date:** 06/06/19

|     |                             |       |        |           |                        |             |
|-----|-----------------------------|-------|--------|-----------|------------------------|-------------|
|     |                             |       |        |           | Packaging 1 - 31       |             |
|     |                             |       |        |           | Packaging 1 - 32       |             |
|     |                             |       |        |           | Packaging 1 - 33       |             |
|     |                             |       |        |           | Packaging 1 - 34       |             |
|     |                             |       |        |           | Packaging 1 - 35       |             |
|     |                             |       |        |           | Packaging 1 - 36       |             |
| 120 | QC 4                        | 2 pcs | 6/5/19 | 0.00 0.00 | QC 4 - 28              |             |
|     |                             |       |        |           | QC 4 - 58              | Smb 19/6/19 |
|     |                             |       |        |           | QC 4 - 69              |             |
|     |                             |       |        |           | QC 4 - 9               |             |
|     |                             |       |        |           | QC 4 - 46              |             |
|     |                             |       |        |           | QC 4 - 68              |             |
|     |                             |       |        |           | QC 4 - 72              |             |
|     |                             |       |        |           | QC 4 - 74              |             |
| 130 | Packaging 3-1 - Stock - B4B | 2 pcs | 6/5/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 2 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 3 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 4 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 5 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 6 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 7 - B4B  | Smb 19/6/19 |
|     |                             |       |        |           | Packaging 3 - 8 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 9 - B4B  |             |
|     |                             |       |        |           | Packaging 3 - 10 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 11 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 12 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 13 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 14 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 15 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 16 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 17 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 18 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 19 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 20 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 21 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 22 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 23 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 24 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 25 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 26 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 27 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 28 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 29 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 30 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 31 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 32 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 33 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 34 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 35 - B4B |             |
|     |                             |       |        |           | Packaging 3 - 36 - B4B | DAS 21 9-89 |
| 135 | DC - 1 - B4B                | 2 pcs | 6/5/19 | 0.00 0.00 | DC - 1 - B4B           |             |
|     |                             |       |        |           | DC - 2 - B4B           |             |
| 140 | QC 21 - FG                  | 2 pcs | 6/5/19 | 0.00 0.00 | QC 21 - FG - 21        | DAS 21 9-89 |
|     |                             |       |        |           | QC 21 - FG - 70        |             |
|     |                             |       |        |           | QC 21 - SA - 53        |             |

Part Op 110 - (Pick Kit)  
Descriptions: 120 - (QC4- 100% Inspect kits for completeness)  
130 - (Identify as per dwg & Stock Location: SL 30A) Identify and pack for shipping as per PPP D205-641-011  
135 - (Document Control) Photocopy D205-641 bluefile & type labels per PPP D205-641-011 CHG002  
140 - (QC21- Final Inspection - Work Order Release

010214

**Job BOM**

| Part / Item | Component Name      | Quantity      | Operation                  | Container |
|-------------|---------------------|---------------|----------------------------|-----------|
| AN4C46A     | Bolt                | 8 Ea (4 ea)   | 110-Packaging 1 - Pick Kit | 5100406   |
| D2570       | Bushing             | 16 pcs (8 ea) | 110-Packaging 1 - Pick Kit | 5149607   |
| D3405-041   | Ground Handling Lug | 2 pcs (1 ea)  | 110-Packaging 1 - Pick Kit | 5178513   |
| D3405-043   | Ground Handling Lug | 2 pcs (1 ea)  | 110-Packaging 1 - Pick Kit | 5178509   |
| MS21043-4   | Nut                 | 8 Ea (4 ea)   | 110-Packaging 1 - Pick Kit | 5173785   |

**Job Allocations**

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 110-Packaging 1 - Pick Kit | AN4C46A        | 8        | 109       | 0         |
|                            | D2570          | 16       | 117       | 0         |
|                            | D3405-041      | 2        | 6         | 0         |
|                            | D3405-043      | 2        | 3         | 0         |
|                            | MS21043-4      | 8        | 864       | 0         |

**Part Specifications**

Specifications could not be found.

Plex 5/24/19 8:46 AM Dart.lajeunesse.marie



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                        | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b>                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/>                                                                                                                                                                                 | Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/>                                                                                                                                                                                                              | Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                   | Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/>                                                                                              |
| Date :                                                                                                                                                                                                                                                                                                                                                                                  | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        | MRB (QSI042)                                                                                                                                                                                                                                     |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        | Completed By                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        | Lead hand / Supervisor                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        | QC / QA Coordinator                                                                                                                                                                                                                              |
| <b>Root Cause</b><br><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |                                                                                                                                   | <b>FAULT CATEGORY</b>                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Bending<br><input type="checkbox"/> Crushing<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br><input type="checkbox"/> Marks/Chatter<br><input type="checkbox"/> Mislabeled | <input type="checkbox"/> Contamination<br><input type="checkbox"/> Misaligned/off center<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damage/Defect<br><input type="checkbox"/> Incomplete/Unclear Instructions<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Fit/Function | <input type="checkbox"/> Power Loss/Surge<br><input type="checkbox"/> Folio/Program<br><input type="checkbox"/> Grain Direction<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Off-set/Set-up | <input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Outside Tolerance<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Misread |
|                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | Other/Details:                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                  |